

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Canceled).

Claim 2 (Currently Amended) ~~The signal receiving device as claimed in claim 1,~~
~~wherein~~ A signal receiving device for receiving data hierarchized by a signal transmitting
device, the signal receiving device comprising:

a layer identifying unit configured to identify data layers transmitted from the signal
transmitting device; and

a hierarchized data receiving unit configured to select the identified data layers
according to one or more of a receiving buffer size of the signal receiving device, calculating
capability of the signal receiving device, and a propagating environment characteristic of the
signal receiving device, and to receive the selected data layers, wherein

the hierarchized data receiving unit comprises a selection unit configured to select one
or more of the receiving buffer size of the signal receiving device, the calculating capability
of the signal receiving device, and the propagating environment of the signal receiving device
for selecting the identified data layers.

Claim 3 (Canceled).

Claim 4 (Currently Amended) ~~The signal transmitting device as claimed in claim 3,~~
~~further comprising~~ A signal transmitting device for hierarchizing data to be transmitted and
transmitting the hierarchized data, the signal transmitting device comprising:

a hierarchized data transmitting unit configured to divide the data to be transmitted
into a plurality of layers according to at least one of multiplexed codes in Code Division

Multiple Access, a coding unit of error correction codes, and an information block number,
and to transmit the hierarchized data; and

a selection unit configured to select at least one of the number of multiplexed codes, the coding unit of error correction codes, and the information block number for dividing the data to be transmitted into a plurality of layers.

Claims 5-6 (Canceled).